

TRANSMITTAL LETTER

In re Application of:
Stamires, Dennis, et al.

Serial No.: 10/072,630
Filing Date: February 7, 2002

For: DOPED ANIONIC CLAYS

Assistant Commissioner for Patents
Washington, D.C. 20231

Docket: ACH2853US

Examiner:

Group Art Unit: 1754

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service
as First-Class mail in an envelope addressed to:
Assistant Commissioner for Patents
Washington, DC 20231

on 5/31/01

Angelique Anderson
Angelique Anderson

Sir:

☒ Transmitted herewith is a responsive document(s) for this application.
TRANSMITTAL LETTER IN DUPLICATE; INFORMATION DISCLOSURE
STATEMENT; PTO-1449 FORM; (28) DOCUMENTS; RETURN RECEIPT POST
CARD and CERTIFICATE OF MAILING.

☐ Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:

☐ One Month (\$110.00)

☐ Two Months (\$400.00)

☐ Three Months (\$920.00)

☐ Four Months (\$1440.00)

The total fee believed due is \$0.00. Please charge this amount and any other fees which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37 CFR 1.17) to Deposit Account No. 01-1350. If an extension of time is required but has not been requested above, Applicant hereby petitions for an extension of time sufficient for the attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Louis A. Morris
Louis A. Morris

Attorney for Applicants

Reg. No.: 28,100

Akzo Nobel Inc.
Intellectual Property Dept.
7 Livingstone Avenue
Dobbs Ferry, New York 10522-3408
(312) 906-7769
Enclosures





PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
JUN 11 2002
TC 1700

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the requirements of 37 CFR §1.56, applicants submit the documents attached hereto to be made of record in the above-identified case. A listing of said documents on form PTO-1449 is also attached.

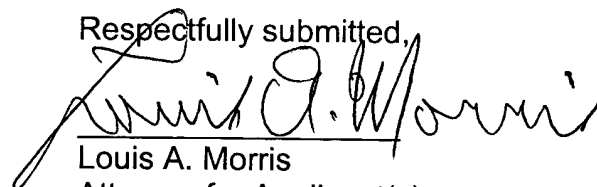
It is believed that the present Information Disclosure Statement is being filed prior to the mailing date of the first Office Action; therefore, no filing fee is believed to be required. If a filing fee is required, the Commissioner is hereby authorized to charge applicants' deposit account 01-1350 for the full amount of said fee.

Concerning Journal Reference Helv. Chim. Acta, 25, (in German) is directed to double hydroxides with two and three-valence metals such as magnesium-aluminum hydroxide, magnesium-iron (III) hydroxide, magnesium-mangan(III) hydroxide, cobalt(II)-iron(III) hydroxide, zinc-aluminum hydroxide, Mangan(II)-aluminum hydroxide, their X-ray diffraction patterns and lattice dimensions. This publication merely serves as background information on double hydroxides such as in anionic clays.

This Statement is not intended to represent that no better art exists. Applicants reserve the right to contest the applicability of the documents attached hereto as prior art in the event that any information is discovered which demonstrates that said documents do not qualify as prior art.

Consideration of the present Information Disclosure Statement is respectfully requested. The claimed invention is, however, deemed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Louis A. Morris", is written over a horizontal line.

Louis A. Morris
Attorney for Applicant(s)
Registration No.: 28,100

Akzo Nobel Inc.
Intellectual Property Dept.
7 Livingstone Avenue
Dobbs Ferry, NY 10522-3408
(312) 906-7769

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

PTO-1449 (modified)

Atty. Docket #

ACH2853US

Serial No.

10/072,630

Applicant
Stamires, Dennis, et al.

Filing Date
February 7, 2002

Group Art Unit
1754

U.S. PATENT DOCUMENTS

Init	Document No.	Issue Date	Name	Class	Subclass	Filing Date
	4,946,581	8/90	Van Broekhoven	208	120	
	4,952,382	8/90	Van Broekhoven	423	244	
	5,728,364	3/98	Martin et al.	423	593	
	5,728,365	3/98	Martin et al.	423	593	
	5,728,366	3/98	Martin et al.	423	593	
	5,730,951	3/98	Martin et al.	423	593	
	5,776,424	7/98	Martin et al.	423	593	
	5,578,286	11/96	Martin et al.	423	593	

FOREIGN PATENT DOCUMENTS

	Document No.	Publ. Date	Country	Class	Subclass	Translation	
						Yes	No
	99/41195	8/99	PCT	C01F	7/00		
	99/41196	8/99	PCT	C01F	7/00		
	99/41197	8/99	PCT	C01F	7/00		
	99/41198	8/99	PCT	C01F	7/00		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	<i>Catalysis Today</i> ; Hydrotalcite-Type Anionic Clays: Preparation, Properties, and Applications. 11 (1991) pgs. 173-301; Cavani et al.
	Anionic Clays: Trends in Pillaring Chemistry, Synthesis in Microporous Solids; 2 (1992) pgs. 108-169; Roy et al.
	Helv. Chim. Acta, 25, (1942) pgs. 106-137 Von Feitknecht.
	Helv. Chim. Acta, 25, (1942) pgs.555-569; Von Feitknecht.
	<i>Journal of American Ceramic Society</i> ; Studies on $4\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot 13\text{H}_2\text{O}$ and the Related Natural Mineral Hydrocalumite. (1959) Vol. 42 No.3; pgs. 121- 126; Buttler et al.
	<i>Chemistry Letters</i> ; Synthesis of New Hydrotalcite-Like Compounds and Their Physico-Chemical Properties. Miyata et al.; pgs. 843-848 (1973)
	<i>Clays and Clay Minerals</i> ; The Syntheses of Hydrotalcite-Like Compounds and Their Structures and Physico-Chemical Properties-I: The Systems; Miyata et al. Vol. 23 (1975) pgs. 369-375
	<i>Clays and Clay Minerals</i> ; Physico-Chemical Properties of Synthetic Hydrotalcites in Relation to Composition. Miyata et al.; Vol. 28, No. 1, (1980) pgs. 50-56
	<i>Clays and Clay Minerals</i> ; Syntheses of Discolored and Al-Rich Hydrotalcite-Like Compounds. Pausch et al.; Vol 34 No. 5; (1986) pgs. 507-510
	<i>Materials Chemistry and Physics</i> , Textural Properties of Hydrotalcite-Like Compounds...Ulbarri et al. Vol. 14 (1986) pgs. 569-579
	European Search Report, for EP 01 20 0833, dated: 07/09/01

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.